MITSUBISHI ELECTRIC

Changes for the Better

MULTIMEDIA DATA/VIDEO PROJECTORS

Our Focus: Picture-Perfect Performance

sRGB

Natural Colour Matrix

XL30U / XL25U / SL25U

XGA/3000 ANSI Lumens | XGA/2500 ANSI Lumens | SVGA/2600 ANSI Lumens

Brighten up any presentation with these stylishly designed projectors offering impressive picture brightness and a welcome range of beneficial features

Compact yet offering outstanding picture brightness of 3000 ANSI Lumens (XL30U), these stylishly designed projectors are fully equipped for user-friendly operation and easy maintenance. Ultra-quiet operation - only 27dB in low lamp mode - means significantly reduced noise level to allow the audience to better concentrate on the presentation. These models also feature a learning remote control that can be programmed to control DVD players and video recorders or other devices used with the projector. Other beneficial features include picture enhancing technologies, 5 BNC terminals and a choice of optional lenses.

High Brightness

Compact in size yet big on performance, the XL30U has a light output of 3000 ANSI Lumens, more than enough to ensure clear, sharp images even in well-lit conference rooms and halls.

sRGB

Developed to ensure standard, uniform colour reproduction regardless of the type of display used, sRGB colour profile technology uses independent colour coordinates common to all display technologies. As a result, it helps to eliminate hue variations that occur between different display systems and more accurately matches the way colours look in real life.

Ultra-Quiet Operation – Only 27dB

Fan noise emanating from a projector can get annoying during a presentation but now that's a thing of the past. The XL30U offers ultra-quiet operation of only 27dB (in Low Lamp mode) thanks to technological refinements such as the newly designed fan that is positioned in front of the projector. This means that the audience can enjoy presentations without distraction.

XL30U XGA

XGA / 3000 ANSI Lumens

Impressive Picture Quality

3D CineView

3D CineView realises improved cross colouring and virtually eliminates the "jaggies" for clearer still images with crisp contours. It is also useful for text such as subtitles as characters are sharper and easier to read. Along with the reproduction of beautiful, natural-looking moving images, a significant gain in video picture quality has been achieved, making it possible to recreate images with cinema-like presence.

With 3D CineView

Without 3D CineView

Natural Colour Matrix™

Equipped with the third generation of Mitsubishi Electric's Natural Colour Matrix™, these projector models provide vivid and accurate colour reproduction that helps to add realism and appeal to any presentation. This feature now offers TINT adjustment for PC screens in addition to its 6-axis colour correction function, providing precise and easy adjustment of both colour saturation and tone for exquisite image quality.

Without Natural Colour Matrix™

With Natural Colour Matrix™

RIS (Room Illumination Sensor)

The level of room illumination has a significant effect on the quality and accuracy of on-screen colour reproduction because the screen brightens as the room gets brighter and colours will appear dull. These multimedia data/video projectors offer a built-in RIS that automatically detects illumination level and colour density, adjusting mid-range colour tones as required for optimal colour reproduction and clear images under any lighting condition such as when the curtains are opened or the lights are dimmed.

Change in interior illumination brightens the room

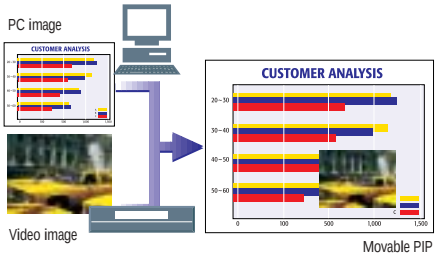
With RIS
Automatic contrast adjustment for a clearer picture

Without RIS
Bright interior illumination dulls colour and the image

Technological Features

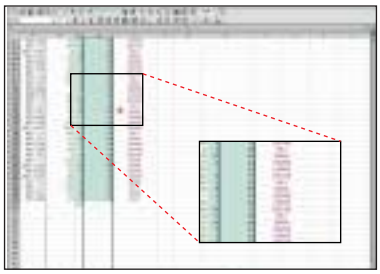
2 Live Picture-In-Picture (Real Motion)

Developed by Mitsubishi Electric, this feature allows you to view two images (one PC and one video) simultaneously. Both images are shown in real live motion and no information is lost in the creation of a true multimedia display.



Digital-Expanded Zoom

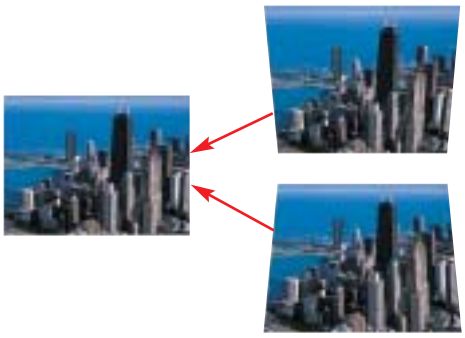
Presentations become more professional and stimulating as Mitsubishi's Digital-Expanded Zoom makes it easy to explain and clearly see the details. Variable digital enlargement allows a section of an image to be magnified conveniently, making it ideal for use during lectures, meetings, etc.



A red cross indicates the area expanded and displayed in the PIP on screen.

Digital Keystone Correction

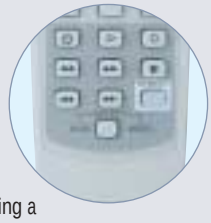
Absolutely essential for portable projectors, Digital Keystone Correction reduces line distortion for a more natural picture even when it is difficult to set up the unit perfectly perpendicular with the screen. This important feature allows you to project at an angle up to ±30° without worrying about trapezoid image distortion.



User-friendly Operation

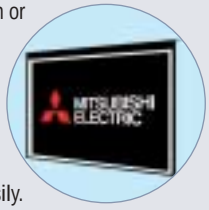
Learning Remote Control

The projector remote control has eight buttons that can learn and copy the IR functions of almost any other remote control. Each button can operate two functions from devices such as DVD players or video recorders.



User Logo Display

Users can customise the projector to their preference by inserting a corporate name, logo or an image of their choice on the Splash or Mute screen.



Versatile Input Terminals

Offering far more operating convenience for system installation, these multimedia data/video projectors are fully equipped with 5 BNC input terminals that allow for a variety of audio-visual and PC peripheral equipment to be connected easily. This kind of versatility is especially welcome when upgrading from a conventional CRT projector or creating a complete system for permanent installation.

Furthermore, the RGB input is also compatible with the SCART output on digital TV receivers and DVD players. This allows the best possible signal to be delivered to the projector resulting in the best picture quality.

Disposable Filters

Disposable filters eliminate the need for frequent cleaning and help to reduce maintenance requirements. However, it is recommended that the filters be cleaned periodically to prolong use. For added convenience, these filters can be easily accessed from the rear without removing the projector from the ceiling mount bracket.

Diagnostic System (optional) - ProjectorView

To monitor projectors and facilitate maintenance, the optional diagnostic system provides control over key projector functions such as power on/off as well as warnings for operating temperature and filter clogging. Controlled via a master PC, this system is ideal for incorporating other Mitsubishi Electric projectors into a Local Area Network (LAN) for both academic and business environments.

Optional Lenses

A wide variety of optional lenses are available to suit any operating or user requirement.

OL-XL30SZ OL-XL30LZ

XL25U XGA / 2500 ANSI Lumens

- sRGB
- 3D CineView
- Natural Colour Matrix™
- RIS (Room Illumination Sensor)
- 2 Live Picture-In-Picture (Real Motion)
- Digital-Expanded Zoom
- Digital Keystone Correction
- Ultra-Quiet Operation:27dB
- Learning Remote Conrol
- User Logo Display
- 10 Language OSD
- Versatile Input Terminals

SL25U SVGA / 2600 ANSI Lumens

- sRGB
- 3D CineView
- Natural Colour Matrix™
- RIS (Room Illumination Sensor)
- 2 Live Picture-In-Picture (Real Motion)
- Digital-Expanded Zoom
- Digital Keystone Correction
- Ultra-Quiet Operation:27dB
- Learning Remote Conrol
- User Logo Display
- 10 Language OSD
- Versatile Input Terminals

Specifications

Models	XL30U	XL25U	SL25U
Display technology	1" Polysilicon panel x 3	1" Polysilicon panel x 3	1" Polysilicon panel x 3
Resolution	1024 x 768 (total 2,359,296 pixels), 540 video lines	1024 x 768 (total 2,359,296 pixels), 540 video lines	800 x 600 (total 1,440,000 pixels), 540 video lines
Brightness	3000 ANSI Lumens	2500 ANSI Lumens	2600 ANSI Lumens
Colour	16,770,000 colours	16,770,000 colours	16,770,000 colours
Zoom / focus	Manual control (zoom ratio: 1.3 : 1)	Manual control (zoom ratio: 1.3 : 1)	Manual control (zoom ratio: 1.3 : 1)
Picture size	40" ~ 300" (100"=3.6 m)	40" ~ 300" (100"=3.6 m)	40" ~ 300" (100"=3.6 m)
Source lamp	270W bulb	270W bulb	270W bulb
Computer compatibility	VGA® ~ UXGA® (640 x 480 ~ 1600 x 1200), True: 1024 x 768, Sync on green available	VGA® ~ UXGA® (640 x 480 ~ 1600 x 1200), True: 1024 x 768, Sync on green available	VGA® ~ SXGA® (640 x 480 ~ 1280 x 1024), True: 800 x 600, Sync on green available
Video compatibility	NTSC/NTSC 4.43/PAL (including PAL-M,N)/SECAM/PAL-60/ DVD (component) / HDTV (525p, 720p, 1080i) SCART plug (RGB +1V sync)	NTSC/NTSC 4.43/PAL (including PAL-M,N)/SECAM/PAL-60/ DVD (component) / HDTV (525p, 720p, 1080i) SCART plug (RGB +1V sync)	NTSC/NTSC 4.43/PAL (including PAL-M,N)/SECAM/PAL-60/ DVD (component) / HDTV (525p, 720p, 1080i) SCART plug (RGB +1V sync)
Input terminals	PC: mini D-sub 15 pin x 1, BNC x 5 Video1: RCA + S video x 1, Video2: RCA + BNC x 1 Audio: RCA x 2	PC: mini D-sub 15 pin x 1, BNC x 5 Video1: RCA + S video x 1, Video2: RCA + BNC x 1 Audio: RCA x 2	PC: mini D-sub 15 pin x 1, BNC x 5 Video1: RCA + S video x 1, Video2: RCA + BNC x 1 Audio: RCA x 2
Output terminals	RGB: mini D-sub 15 pin x 1	RGB: mini D-sub 15 pin x 1	RGB: mini D-sub 15 pin x 1
Communication terminals	RS-232C x 1 (DIN 8 pin), mouse terminal for USB	RS-232C x 1 (DIN 8 pin), mouse terminal for USB	RS-232C x 1 (DIN 8 pin), mouse terminal for USB
Audio speaker	3 W	3 W	3 W
Fan noise	27dB	27dB	27dB
Dimensions (W x H x D)	380 x 157 x 307 mm / 14.9" x 6.2" x 12.1" (including lens and feet)	380 x 157 x 307 mm / 14.9" x 6.2" x 12.1" (including lens and feet)	380 x 157 x 307 mm / 14.9" x 6.2" x 12.1"(including lens and feet)
Weight	5.9 kg / 13 lbs	5.9 kg / 13 lbs	5.9 kg / 13 lbs
Power supply	AC100 ~ 240 V / ±10 %, 50/60 Hz	AC100 ~ 240 V / ±10 %, 50/60 Hz	AC100 ~ 240 V / ±10 %, 50/60 Hz

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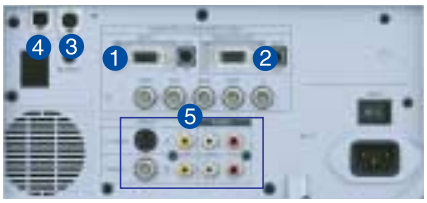
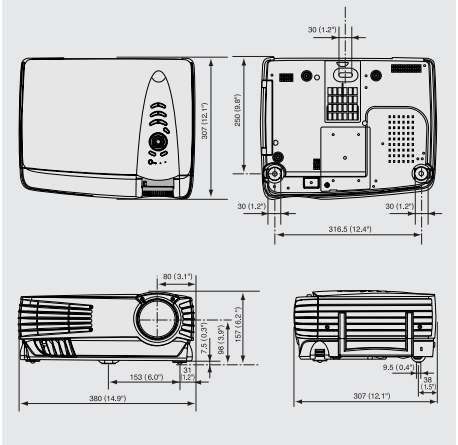
Input and Output Terminals



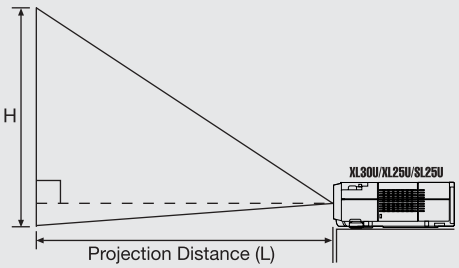
❶ PC analogue RGB input (mini D-SUB 15P)
❷ PC analogue RGB output (mini D-SUB 15P)
❸ RS-232C input (Din-8P)
❹ USB input
❺ Video / audio input

XLT-XL30LP
XL30U/XL25U/SL25U Lamp

Dimensions (unit: mm, inch)



Projection distance at each screen size



Screen		Distance from screen (L)/(approximate)				Height projected	
Diagonal size (m)	Diagonal size (inch)	Maximum zoom (WIDE)		Minimum zoom (TELE)			
		(m)	(inch)	(m)	(inch)	(cm)	(inch)
1.02	40"	1.4	55"	1.8	71"	3.0	1.2"
1.52	60"	2.1	83"	2.7	106"	4.6	1.8"
2.03	80"	2.9	114"	3.7	146"	6.1	2.4"
2.54	100"	3.6	142"	4.6	181"	7.6	3.0"
3.81	150"	5.5	217"	6.9	272"	11.4	4.5"
5.08	200"	7.3	287"	9.3	366"	15.2	6.0"
6.35	250"	9.2	362"	—	—	19.1	7.5"
7.62	300"	11.0	433"	—	—	22.9	9.0"

•The above numbers are approximate, and may be slightly different from the actual measurements.

MITSUBISHI ELECTRIC EUROPE
TRAVELLERS LANE, HATFIELD, HERTFORDSHIRE AL10 8XB
Telephone: (01707) 278684 Fax: (01707) 278541 E-mail: projector.info@meuk.mee.com

For more information about our projectors, please see the website at:
www.mitsubishielectric.co.uk/vis

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